

Title (en)

DEVICE AND METHOD FOR ATTACHING A MEMBER IN REPLACEMENT OF PART OF A SET OF TEETH

Title (de)

VORRICHTUNG SOWIE VERFAHREN ZUM BEFESTIGEN EINES ELEMENTS BEIM ERSATZ EINES TEILS EINES GEBISSES

Title (fr)

DISPOSITIF ET PROCEDE DE MISE EN PLACE D'UN ELEMENT DE REMPLACEMENT POUR UNE PARTIE D'UNE DENTITION

Publication

**EP 0592412 B1 19951227 (EN)**

Application

**EP 91910997 A 19910529**

Priority

- AT 161890 A 19900801
- NL 9100087 W 19910529

Abstract (en)

[origin: US5516288A] PCT No. PCT/NL91/00087 Sec. 371 Date Jun. 21, 1993 Sec. 102(e) Date Jun. 21, 1993 PCT Filed May 29, 1991 PCT Pub. No. WO92/02191 PCT Pub. Date Feb. 20, 1992. A device for attaching a member that replaces a part of a set of teeth, wherein the device has a pin to be implanted in a jawbone and a coupling pin with a ball-and-socket joint disposed between the coupling pin and the implantation pin. The ball and/or the socket of the joint is made of a memory material. The memory position is such that at body temperature pivotal motion of the ball-and-socket joint can simply be brought into a desired position. Thus, the coupling pin can be brought into any desired position, virtually independently of the orientation of the implantation pin in the jaw, so that the dental-replacement member can be fitted readily without any tension arising therein.

IPC 1-7

**A61C 8/00**

IPC 8 full level

**A61C 8/00** (2006.01)

CPC (source: EP US)

**A61C 8/0001** (2013.01 - EP US); **A61C 8/005** (2013.01 - EP US); **A61C 8/0053** (2013.01 - EP US); **A61C 8/0057** (2013.01 - EP US); **A61C 8/0065** (2013.01 - EP US); **A61C 8/0066** (2013.01 - EP US); **A61C 2201/007** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

**WO 9202191 A2 19920220; WO 9202191 A3 19920416**; AT 393952 B 19920110; AT A161890 A 19910715; AT E132030 T1 19960115; DE 69115931 D1 19960208; DE 69115931 T2 19960814; EP 0592412 A1 19940420; EP 0592412 B1 19951227; JP 3009219 B2 20000214; JP H05509007 A 19931216; US 5516288 A 19960514

DOCDB simple family (application)

**NL 9100087 W 19910529**; AT 161890 A 19900801; AT 91910997 T 19910529; DE 69115931 T 19910529; EP 91910997 A 19910529; JP 51057891 A 19910529; US 97697693 A 19930621